

EDA2R, 1-138aa, Human, hlgG-His-tag, Baculovirus

Cat.NO.: TP01962

3th Edition

Synonyms: Tumor necrosis factor receptor superfamily member 27 isoform 2, EDA2R, EDA-A2R, EDAA2R, TNFRSF27, XEDAR

Description: EDA2R also known as Tumor necrosis factor receptor superfamily member 27 isoform 2, is a transmembrane protein in the TNF receptor superfamily. This protein itself is strongly associated with androgenetic alopecia (male hair loss). It is widely expressed, notably in embryonic basal epidermal cells and maturing hair follicles. Even though it does not contain a cytoplasmic death domain, it can associate with Fas and induce EDA-A2 dependent apoptosis. Recombinant human EDA2R protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT.

Molecular Weight: 42.5kDa (380aa) 40-57kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPMDQCEN EYWDQWGRCVTCQRCGPGQELSKDCGYGEGGDAYCTACPPRRYKSSWGHHRQCSCITCAVINR
VQKVNCTATSNVCGDCLPRFYRKTRIGGLQDQECIPCTKQTPTSEVQCAFQLSLVEADAPTVPPEATLEPKSCD
KTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY
NSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFY
PSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKH
HHHHH

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.